INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/011789

| Int.Cl ⁷ H03H9/46, H03H9/24, B81B3/00, C01B31/02 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED | | | | | | |
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| B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Int. Cl? H03H9/46, H03H9/24, B8 H33/00, C01B31/02 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched litestayo Shinan Koho 1994—2004 Kokai Jitsuyo Shinan Koho 1971—2004 Jitsuyo Shinan Koho 1996—2004 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) JOIS on the Web C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X | A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ H03H9/46, H03H9/24, B81B3/00, C01B31/02 | | | | | |
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| TECHNOLOGY), 10 October, 2002 (10.10.02), Page 11, lines 1 to 3; page 16, lines 12 to 22; Fig. 12 & US 2002-167374 Al Y JP 2002-255520 A (Japan Science and Technology Corp.), 11 September, 2002 (11.09.02), Par. No. [0002] & WO.02/068332 Al & EP 1375429 Al A WO 02/080361 A (CALIFORNIA INSTITUTE OF TECHNOLOGY), 10 October, 2002 (10.10.02), & US 2002/0167375 Al & EP 1384322 A Further documents are listed in the continuation of Box C. * Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance. Tealing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another clatinion or other special reason (as specified) "O' document referring to an oral disclosure, use, exhibition or other special reason (as specified) "O' document referring to an oral disclosure, use, exhibition or other special reason (as specified) "O' September, 2004 (09.09.04) Date of the actual completion of the international search 09 September, 2004 (09.09.04) Date of the actual completion of the international search 09 September, 2004 (09.09.04) Authorized officer Fessimile No. Telephone No. | Category* | | <u> </u> | | | |
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| document which may throw doubts on priority claim(s) of which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 09 September, 2004 (09.09.04) Name and mailing address of the ISA/ Japanese Patent Office Telephone No. | "E" earlier appli | ication or patent but published on or after the international | considered novel or cannot be consi | idered to involve an inventive | | |
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